No.



9600261

TO ALL TO WHOM THESE PRESENTS; SHALL COME;

# DSH Research Loundation

MICCAS, THERE HAS BEEN PRESENTED TO THE

#### Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCTICASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE  ${\sf LAW}$ 

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HERS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE IGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR RTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE ES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED ANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT, 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'Trenton'

In Costimony Macrost, I have hereunto set my hand and caused the seal of the Mant Mariety Motorion Office to be affixed at the City of Washington, D.C. this thirtieth day of July in the year of our Lovel one thousand

nine hundred and ninety-nine.

- ++	sergits brocection and testiff	ii periaties.	
SIGNATURE OF APPLICANT (OWNER(S)) Sale Betocho		SIGNATURE OF APPLICANT (Owner(s))	
NAME (Please print or 1996)  Dale Zetocha		NAME (Please print or type)	. ****
CAPACITY OR TITLE EXECUTIVE Director	DATE	CAPACITY OR TITLE	DATE

5/22/96

NDSU Research Foundation

# EXHIBIT A - ORIGIN AND BREEDING HISTORY 'TRENTON' WHEAT

Spring 1985	Original cross mad	de at North Dakota	State University (NDSU)

greenhouse. Pedigree - Grandin/Stoa sib

Summer 1985 F<sub>1</sub> plants, NDSU greenhouse.

Winter 1985-86 F<sub>2</sub> plants, winter nursery - Weslaco, TX

Summer 1986 F<sub>3</sub> head row, NDSU research land.

Summer 1987 F<sub>4</sub> progeny plot, NDSU research land.

Summer 1988 F<sub>5</sub> head row (F<sub>4</sub> derived), NDSU research land.

Summer 1989 F<sub>6</sub> progeny plot, NDSU research land.

Summer 1990 F<sub>7</sub> preliminary yield trial, 3 locations, NDSU research land.

Summer 1991 F<sub>8</sub> elite yield trial, 4 locations, NDSU research land.

Seed increase (68 lbs.) Prosper, ND.

Summer 1992 Seed increase (263 lbs.) Prosper, ND.

Summer 1992-1994 North Dakota HRS wheat variety trial, 7 locations each year. Uniform

Regional HRS Wheat Nursery, about 20 locations each year, Upper

Midwest, USA.

Experimental line designation - ND673.

Summer 1993-1994 Wheat Quality Council test.

Seed increase in ND by NDSU Seedstocks Project

June 30, 1995 ND673 released as a named cultivar, 'Trenton'.

Observations indicate Trenton is uniform and stable within commercially acceptable limits for all traits as described in Exhibit C. Uniformity and stability of Trenton were observed 1989 - 1994 for six generations ( $F_6$  -  $F_{11}$ ). Varients (taller plants, 5-12 cm) occurrence at a frequency of 6/10,000 and awnless plant variants at a frequency of 1/10,000.

Selection criteria for the breeding of Trenton wheat were highly heritable traits (i.e. plant height, maturity, disease resistance) in the early segregating generations,  $F_2$  -  $F_5$ . Beginning in the  $F_6$  generation, selection criteria also included lodging resistance, shattering resistance, test weight, grain yield and bread making characters (grain protein, milling extractin, dough mixing, loaf volume, etc.). Data were obtained from multiple locations and over years to evaluate and identify the experimental line ND673 that was named Trenton. Overall, the selection criteria were a combination of traits used to identify a superior hard red spring

wheat genotype adapted to North Dakota wheat production, and a genotype having acceptable (compared to check cultivars) milling and bread making properties for domestic and export markets.

#### **EXHIBIT B - NOVELTY STATEMENT**

To my knowledge 'Trenton' most nearly resembles 'Stoa'. Differences include but are not necessarily restricted to, the following:

- 1. Trenton is photoperiod insensitive (daylength neutral). Stoa is photoperiod sensitive.
- 2. Trenton has a 2- to 2= seedling infection type to the TNMH isolate of wheat stem rust (incited by *Puccinia graminis* f. sp. *tritici*). Stoa has a 0 type infection (Table 4).

In addition, Trenton has a 2= seedling infection type to the RPQQ isolate of wheat stem rust and a 2- to 2= type to the TNMH isolate. Butte 86 has a type 0 type infection to both isolates (Table 4).

Trenton has a 2- to 2= seedling infection type to the TNMH and TNMK isolates of wheat stem rust. Kulm has a 0 to 0; type infection to both isolates (Table 4).

### 'TRENTON' HRS WHEAT

Table 1. Mean grain yield of selected entries in the 1992-95 hard red spring wheat variety trial at North Dakota Agricultural Research Centers.

					<u>Carr</u>	ington		
Cultivar	Dickinson†	Hettinger‡	Williston	North Central	Dry- land	Irrig.	Langdon	Prosper§
				—— bu/A –				
Conv. Ht.								
Stoa	46.7	67.4	52.4	40.5	47.6	48.7	50.7	47.8
Butte 86	46.9	68.4	49.1	40.8	53.3	50.2	43.3	49.5
Amidon	53.5	67.3	54.0	41.1	44.0	43.1	46.8	43.4
Sharp		68.7	49.6	38.3	50.9	52.0	47.0	45.9
CDC Teal	43.8	59.4	51.0	40.0	48.8	47.1	48.5	45.2
AC Domain	37.6		46.8	36.9	50.4	48.3	50.6	46.2
Kulm		70.4	51.5	40.7	49.0	47.5	45.3	50.7
Trenton	50.7	74.1	54.0	40.4	49.0	49.6	47.5	54.7
<u>Semidwarf</u>								
2375	47.1	68.1	52.2	39.0	55.1	54.6	54.4	52.8
Gus	51.2	72.2	50.7	43.6	41.9	39.7	41.5	39.8
Grandin	50.4	66.7	53.2	42.8	51.0	44.4	44.9	43.7
Bergen	56.1	68.0	57.5	39.9	48.1	46.1	46.5	49.4
2370	44.5	67.7	51.7	39.2	53.1	48.2	53.4	45.6
2371	45.9	72.4	51.7	38.7	46.0	47.5	48.6	41.2
Dalen	55.2	68.9	54.3	43.3	48.6	47.1	42.7	41.0
Krona		74.5	61.9	42.1	52.3	48.3	44.6	36.6
Norm		70.7	52.7	43.5	51.8	50.4	45.5	38.4
Sonja	55.3	78.3	55.2	43.7	51.4	50.1	47.0	39.7

<sup>†1993</sup> and 1995 yield data.

<sup>‡1992, 1993</sup> and 1995 yield data.

<sup>§1992, 1994</sup> and 1995 yield data.

Table 2. Summary of agronomic performance of selected entries in the 1992-95 hard red spring wheat variety trial at North Dakota Agricultural Research Centers.

			Lodging	]	Rust†	Leaf	Shatt-	Test	Grain
Cultivar	Headed (30)‡	Height (30)	score (16)	Leaf (1)	Stem (1)	disease (23)	ering (2)	weight (29)	yield (27)
	days	cm	0-9	%	%	%	%	lb/bu	bu/A
Conv. Ht.									
Stoa	62	96	2.0	5R	0	38	1	57.7	50.3
Butte 86	59	86	1.7	5MR	0	43	Tr	59.1	50.6
Amidon	62	93	2.1	5R	0	32	0	58.2	48.6
Sharp	59	86	2.1	tMR	0	39	Tr	60.3	50.3
CDC Teal	61	92	1.9	5R	0	28	Tr	58.9	48.6
Kulm	59	90	1.4	5MR	0	44	Tr	60.0	50.5
Trenton	61	97	1.9	5R	0	36	1	59.6	52.3
<u>Semidwarf</u>									
2375	60	83	1.7	10MR	0	42	1	59.5	53.6
Gus	62	86	1.5	5MR	0	32	Tr	57.4	46.7
Grandin	61	85	1.1	tMR	0	42	Tr	59.0	49.7
Bergen	62	78	0.5	5R	0	22	Tr	57.4	50.7
2370	60	82	0.9	tMR	0	39	Tr	58.6	50.9
2371	62	82	0.7	10MR	0	31	1	57.7	49.2
Dalen	60	77	0.9	5R.	0	33	Tr	58.8	49.4
Krona	64	78	0.7	5R	0	27	Tr	56.3	51.6
Norm	63	82	0.6	5R	0	26	Tr	57.1	50.8
Sonja	62	75	0.8	5R	0	28	Tr	57.1	52.0

<sup>†</sup>Rust data - 1995 Prosper. ‡Number of tests each trait.

NORTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXPERIMENT STATION
DEPARTMENT OF CEREAL SCIENCE AND FOOD TECHNOLOGY
ANALYTICAL, MILLING AND BAKING DATA
FIELD PLOT VARIETIES
(3 YEAR AVERAGE, 19 LOCATIONS)
1992, 1993 AND 1994
AVERAGES OF 3 YEARS

3 HOUR FERMENTATION

FARINOGRAM

				WHT	PROTE	IN								÷							
		TEST	VIT	FAL	14% MB	B FI	æ	WET F	FLR	PEAK	MIX				ΧIЖ	-	LOAF				
VARIETY OR	ALD		KER	0	WHT F	FLR EX	E		ASH			ITI		ABS	TIME		VOL		CB	CT	
	AP A			SEC	عو				JP.			ສ ວ	LASS	æ			ဥ				SYM
MIDON	Ę		. E	395	14.1 1	3.4 68	8	1.00	. 40			33	5.5	64.9		ဖ	853				۳.
PERCEN	S		5	408	13,3 1	2.5 71	-	7.0 0	. 42			28	5.4	64.8		~	843				
BITTE 86	2		80	411	14.5 1	3.5 68	٦.	0.9	.41			28	5.5	67.1		8	883				
DALEN	2	60.4	73	420	14.1 1	2.9 68	7	38.9 0	0.42	9.5	14.1	24	0.9	66.3	1.85	9.1	845	9.			<b>4</b> .
GRANDIN	2		79	400	14.4 1	3.6 69	-	8.9	.42			21	6.2	65.8		-	865				و د
X III X	Ş		11	406	_	8	6	1.90	.38			22	6.4	65.3		ص	919				6
LEN	Q			399	•	<b>&amp;</b>	Φ.	8.7 0	.43			17	6.9	64.5		0	900				B. 6
ND 674	2		88	418	_	-	٣.	0.00	.41			13	7.2	66.1		S	949				ص. ھ
ND 678	£		89	359	•	_	φ.	9.4 0	.38			<b>5</b> 6	5.8	8.99		m	881				٠.
DOME	£		7	401	•	-	-	2.0 0	.36			31	5.4	64.9		8	852				9.5
SONJA	£		2	389	•	12.9 7(	=	7.1 0	.42			28	0.9	64.7		~	806				6.6
STON.	2		98	398	•	00	7	0.50	.39			21	6.7	63.9		0	998				9.5
TOTAL	2		83	399	<b>v</b>	m	4	7.9 0	.40			8	7.0	65.0	- 1	ŋ	881			ļ	9.6
2371	2	1	80	364	14.3 1	3.6.69	∞.	0.50	.42			2.1	5.6	64.8	1.85		888	7.7	8.2.1		9.6
2375	£		74	428	14.0 1	3.1 6	6	9.4 0	.41	9.9		2.1	5.8	65.4	1.65		846	7.9	7		4.
2208	2		: 5	371	13.4	2.8	00	6.0 0	1.46	9		25	6.5	63.1	2.05		874	8.0	٠		7.
9667	2		3	1	•		•		:			, I									

Table 4. Seedling infection type of wheat genotypes, 'Trenton', 'Stoa', 'Butte 86' and 'Kulm', to certain isolates of wheat stem rust (incited by *Puccinia graminis* f. sp. *tritici*).

			Wheat ster	n rust isolate		
	TN	<u>MH</u>	RP	QQ	TNI	√IK.
Wheat genotype	1992	1993	1993	1994	1992	1993
Stoa	0	0		;	0	0
Butte 86	0	0	0	0	0;	0
Kulm	0	0	0		0	0;
Trenton	2-	2=	2=	2=	2=	2=

EXHIBIT C

#### U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE COMMODITIES SCIENTIFIC SUPPORT DIVISION BELTSVILLE, MARYLAND 20705

# OBJECTIVE DESCRIPTION OF VARIETY

	RITICUM SPP.)
NDSU Research Foundation	FOR OFFICIAL USE ONLY
ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)	9600261
Po Box 5014	VARIETY NAME OR TEMPORARY DESIGNATION
Fargo, ND 58105-5014	
Place the appropriate number that describes the varietal charact	er of this variety in the boxes below.
Place a zero in first box (e-s- 0 8 9 or 0 9 ) when number 1. KIND:	is either 99 or less or 9 or less.
1 = COMMON 2 = DURUM 3 = EMMER 4 = SPELT	5 = POLISH 6 = POULARD 7 = CLUB
2. TYPE,  1 = SPRING 2 = WINTER 3 = OTHER (Specify)	2 = HARD 3 = OTHER (Specify)
2 1 = WHITE 2 = RED 3 = OTHER (Specily)	<del>nati</del> s. <del>The state of the stat</del>
3. SEASON - NUMBER OF DAYS FROM EMERGENCE TO:	
056 FIRST FLOWERING	0 6 0 LAST FLOWERING
4. MATURITY (50% Flowering):	
0 4 NO. OF DAYS EARLIER THAN	. 3 1 = ARTHUR 2 = SCOUT 3 = CHRIS
NO. OF DAYS LATER THAN	A = LEMHI 5 = NUGAINES 6 = LEEDS
5. PLANT HEIGHT (From soil level to top of head):	
09.7 cm. HIGH	
CM. TALLER THAN	. 🗖
OI CM. SHORTER THAN	3 1 = ARTHUR 2 = SCOUT 3 = CHRIS
PLANT COLOR AT BOOTING (See reverse):	4 F FRHI 2 # MACYINES 0 - FFFFF
3 1= YELLOW GREEN 2= GREEN 3= BLUE GREEN	7. ANTHER COLOR:
STEM:	1 = YELLOW 2 = PURPLE
Anthocyanin: 1 = ABSENT 2 = PRESENT	Waxy bloom: I = ABSENT 2 = PRESENT
Hairiness of last internode of rachis: 1 = ABSENT 2 = PRESENT	Intersodes: 1 = HOLLOW 2 = SOLID
0 4 NO. OF NODES (Originating from node above ground)	23 CM INTERNODE LENGTH BETWEEN FLAG LEAF
AURICLES:	
Anthocyania: 1 = ABSENT 2 = PRESENT	Hairiness:   = ABSENT 2 = PRESENT
. LEAF:	
Flag leaf at 1 = ERECT 2 = RECURVED booting stage: 3 = OTHER (Specify):	2 Flag leaf: 1 = NOT TWISTED 2 = TWISTED
Hairs of first leaf sheath: 1 = ABSENT 2 = PRESENT	2 Waxy bloom of flag lenf sheath: 1 = ABSENT 2 = PRESENT
MM. LEAF WIDTH (First leaf below flag load)	22 CM. LEAF LENGTH (First leaf below flag leaf):
RM LMGS 470-6 (6-82) (Formerly Form LPGS 470-6 (3-79), which ma	y be used)

Density: I = LAX	2 = DENSE	Shape: 1 = TAPER 4 = OTHER	
4 Awnedness: 1 = AWN	LESS 2 = APICALLY AWNLETED 3	= AWNLETED 4 = AWNE	0
2 Color at maturity: 5 =	WHITE 2 = YELLOW 3 = PINK 4 : BROWN 6 = BLACK 7 = OTHE	= REO R (Specily):	· · · · · · · · · · · · · · · · · · ·
08 CM. LENGTH		MM. WIDTH	•
12. GLUMES AT MATURIT  Length: 1 = SHORT (  3 = LONG (	CA. 7 mm.) 2 = MEDIUM (CA. 8 mm.)	2 Width: 1 = NARROY 3 = WIDE (C	Y (CA. J mm.) 2 = MEDIUM (CA. 3.5 mm.) A. 4 mm.)
Shoulder 1 = WANTII  shape: 4 = SQUAR		3 Besk: 1 = OBTUSE	2 = ACUTE 3 = ACUMINATE
13. COLEOPTILE COLOR:		14. SEEDLING ANTHOCY	'ANIN:
1 1 = WHITE 2 = RE	D 3 = PURPLE	1 1 = ABSENT 2	= PRESENT
15. JUVENILE PLANT GRO	WTH HABIT:	- <del>-</del>	
2 1= PROSTRATE	2 = SEMI-ERECT 3 = EREC	:т	
16. SEED:			
2 Shape: I = OVATE	2 = OVAL 3 = ELLIPTICAL	Cheek: 1 = ROUND	ED 2 = ANGULAR
Brush. 1 = SHORT	2 = MEDIUM 3 = LONG	Brush: 1 = NOT C	DLLARED 2 = COLLARED
Phenol reaction (See instructions):	1 = IVORY 2 = FAWN 3 = LT. BROWN 4 = BROWN 5 = BLACK	N .	•
Color: 1 = WHITE	2 = AMBER 3 = REO 4 = PURPLE	5 = OTHER (Specity)	- All the second
05 MM. LENGTH	0 3 MM. WIDTH	34 GM. PER 1000	SEEDS
17. SEED CREASE:		***************************************	
2 Width: 1 = 60% OR L	ESS OF KERNEL 'WINOKA'	2 Depth: 1 = 20 % Of	R LESS OF KERNEL 'SCOUT'
2 = 80% OR LE	SS OF KERNEL 'CHRIS'	2 = 35% OF	LESS OF KERNEL 'CHRIS'
3 = NEARLY A	S WIDE AS KERNEL 'LEMHI'	3 = 50 % OF	LESS OF KERNEL 'LEMHI'
18. DISEASE: (0 = Not Test	id, 1 = Susceptible, 2 = Resistoni)		
2 STEM RUST OFBS, Q		D STRIPE RUST (Races)	O LOOSE SMUT
RKQS, TNN	OK O BUNT	OTHER (Specify)	
19. INSECT: (0 = Not Teste	d, 1 = Susceptible, 2 = Resistant)		
SAWFLY	D APHIO (Bydv.)	O GREEN BUG	O CEREAL LEAF BEETLE
OTHER (Specity)	HESSIAN FLY	0 GP 0 A	0 s 0 c
	RACES: (	0 0 0 E	O , O ,
26. INDICATE WUIGH VIOLE	TY MOST CLOSELY RESEMBLES THAT S	HEMITTED.	
CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant tillering	Stoa	Seed size	Grandin
Leaf size	Stoa	Seed shape	Grandin
Leaf color	Stoa	Coleoptile elongation	Stoa
Leaf carriage	Stoa	Seedling pigmentation	Stoa

#### INSTRUCTIONS

GENERAL: The following publications may be used as a reference aid for the standardization of terms and procedures for completing this form:

- (a) L.W. Briggle and L. P. Reitz, 1963, Classification of Triticum Species and Wheat Varieties Grown in the United States, Technical Bulletin 1278, United States Department of Agriculture.
- (b) W.E. Walls, 1965, A Standardized Phenol Method for Testing Wheat Seeds for Varietal Purity, contribution No. 28 to the handbook of seed testing prepared by the Association of Official Seed Analysis. (See ellectroent.)

## EXHIBIT D - ADDITOINAL DESCRIPTION OF VARIETY

When 'Trenton' is compared to 'Amidon', 'Ernest' and 'Glupro', it is photoperiod insensitive (daylength neutral). Amidon, Ernest and Glupro are photoperiod sensitive. Trenton is a conventional height genotype, 'Grandin' is a semidwarf genotype.

### EXHIBIT E - STATEMENT OF THE BASIS OF THE APPLICANT'S OWNERSHIP

Dr. Richard C. Frohberg, an employee of the North Dakota Agricultural Experiment Station and North Dakota State University, is a plant breeder who developed 'Trenton' the hard red spring wheat cultivar for which Plant Variety Protection is hereby sought. The employee by agreement and because of the condition of the use of facilities and funds of the North Dakota Agricultural Experiment Station and North Dakota State University has assigned all ownership rights to 'Trenton' hard red spring wheat to the North Dakota Agricultural Experiment Station and North Dakota State University.

North Dakota State University on behalf of the North Dakota Agricultural Experiment Station has assigned all ownership to the NDSU Research Foundation. The NDSU Research Foundation is a nonprofit corporation set up to own and manage the intellectual property of the North Dakota State University.

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE	The following statements are made to 1974 (5 U.S.C. 552a) and the Paperwo	in accordance with the Privacy Act of or or of the Reduction Act (PRA) of 1995.
EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP	Application is required in order to d certificate is to be issued (7 U.S.C. 2 until certificate is issued (7 U.S.C. 242	etermine if a plant variety protection (421). Information is held confidential 6).
1. NAME OF APPLICANT(S)	TEMPORARY DESIGNATION     OR EXPERIMENTAL NUMBER	3. VARIETY NAME
NDSU RESEARCH FOUNDATION	ND673	Trenton
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (include area code)	6. FAX (include area code)
c/o Executive Director	701-231-8931	701-231-1013
P.O. Box 5014 Fargo, ND 58105-5014	7. PVPO NUMBER	
8. Does the applicant own all rights to the variety? Mark an "X" in appropri	riate block. If no, please explain.	X YES NO
<ol><li>Is the applicant (individual or company) a U.S. national or U.S. based of If no, give name of country</li></ol>	14. <u>4. 1</u>	X YES NO
10. Is the applicant the original owner? YES X	(O) If no, please answer one of the	following:
a. If original rights to variety were owned by individual(s), is (are) the o  X YES  b. If original rights to variety were owned by a company(ies), is(are) the	NO If no, give name of country	ny?
X YES	NO If no, give name of country	
11. Additional explanation on ownership (if needed, use reverse for extra see reverse - Statement of the basis of the a		
en e	str. spr	
·		
PLEASE NOTE:		
Plant variety protection can be afforded only to owners (not licensees) who meet	one of the following criteria:	
<ol> <li>If the rights to the variety are owned by the original breeder, that person must which affords similar protection to nationals of the U.S. for the same genus and</li> </ol>	be a U.S. national, national of a UPOV mends species.	nber country, or national of a country
<ol> <li>If the rights to the variety are owned by the company which employed the orig member country, or owned by nationals of a country which affords similar pro</li> </ol>	inal breeder(s), the company must be U.S. I tection to nationals of the U.S. for the same	based, owned by nationals of a UPOV genus and species.
3. If the applicant is an owner who is not the original owner, both the original ow	mer and the applicant must meet one of the	above criteria.
The original breeder/owner may be the individual or company who directed final	breeding. See Section 41(a)(2) of the Plant	Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to compete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. (Not all prohibited bases apply to all programs). Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

Exhibit E Item 11.

Statement of the Basis of the Applicant's Ownership

Dr. Richard C. Frohberg, an employee of the North Dakota Agricultural Experiment Station and North Dakota State University, is a plant breeder who developed 'Trenton' the hard red spring wheat cultivar for which Plant Variety Protection is hereby sought. The employee by agreement and because of the condition of the use of facilities and funds of the North Dakota Agricultural Experiment Station and North Dakota State University has assigned all ownership rights to 'Trenton' hard red spring wheat to the North Dakota Agricultural Experiment Station and North Dakota State University.

North Dakota State University on behalf of the North Dakota Agricultural Experiment Station has assigned all ownership to the NDSU Research Foundation. The NDSU Research Foundation is a nonprofit corporation set up to own and manage the intellectual property of North Dakota State University.

I AM OG.

N2DV-VEIZ-SASO KECENAED